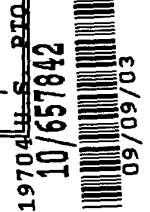


NEW APPLICATION TRANSMITTAL

Mail Stop Patent Application
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

I hereby certify that this paper is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR 1.10 addressed to Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on September 9, 2003 under "EXPRESS MAIL" mailing label number EL 989118161 US.

Elizabeth A. VanAntwerp



Transmitted herewith for filing is the patent application of:

Inventor 1: Yukihiisa TAKEUCHI
Address: c/o NGK Insulators, Ltd.
2-56, Suda-Cho, Mizuho-Ku
Nagoya-City, Aichi-Prefecture 467-8530
Japan

Inventor 2: Nobuo TAKAHASHI
Address: c/o NGK Insulators, Ltd.
2-56, Suda-Cho, Mizuho-Ku
Nagoya-City, Aichi-Prefecture 467-8530
Japan

Inventor 3: Mutsumi KITAGAWA
Address: c/o NGK Insulators, Ltd.
2-56, Suda-Cho, Mizuho-Ku
Nagoya-City, Aichi-Prefecture 467-8530
Japan

TITLE: PIEZOELECTRIC/ELECTROSTRICTIVE FILM TYPE ACTUATOR AND
METHOD OF MANUFACTURING THE ACTUATOR

1. Type of Application

This is a request for filing a **CONTINUATION APPLICATION** under 37 C.F.R. §1.53(b), of pending prior application International Application No. **PCT/JP02/02290**, having an international filing date of **March 12, 2002**, entitled **PIEZOELECTRIC/ELECTROSTRICTIVE FILM TYPE ACTUATOR AND METHOD OF MANUFACTURING THE ACTUATOR**, which designated the United States.

2. Papers Enclosed

A. Required for filing date under 37 CFR 1.53(b) (Regular) are:

56 Page(s) of Specification
8 Page(s) of Claims
1 Page(s) of Abstract
13 Sheets of Formal Drawings (Figs. 1-32)

B. Other Papers Enclosed

- ☒ A Patent Application Bibliographic Data Sheet
- ☒ A Declaration and Power of Attorney (English/Japanese Language Declaration)
- ☒ A Preliminary Amendment
- ☒ Information Disclosure Statement
- ☒ Form PTO-1449
- ☒ An Assignment Transmittal and Assignment of the invention to:
 NGK Insulators, Ltd.
 2-56, Suda-Cho, Mizuho-Ku
 Nagoya-City, Aichi-Prefecture 467-8530
 Japan
- ☒ PCT/RO/101
- ☒ International Publication (front page only)

3. The correspondence address for this application is: Customer No. 025191

Telephone: (315) 233-8300 Electronic Mail: lvanantwerp@burrandbrown.com
 Facsimile: (315) 233-8320

4. Nonpublication Request Under 35 U.S.C. 122(b)(2)(B)(i)

- ☐ Applicants hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.
- ☐ Applicants hereby request that the attached application **not** be published under 35 U.S.C. 122(b).

5. Relate Back

A. 35 U.S.C. 119(e)

- ☐ Priority of provisional application Serial No. _____ filed _____, is hereby claimed under 35 U.S.C. §119(e).

B. 35 U.S.C. 120, 121 and 365(c)

☒ Priority of said prior application(s) is hereby claimed under 35 U.S.C. §120.

<u>Application Number</u>	<u>Filing Date</u>	<u>Relationship</u>
PCT/JP02/02290	March 12, 2002	Parent

C. 35 U.S.C. 119 Priority Claim for Prior Application

☒ Priority of foreign application(s) is hereby claimed under 35 U.S.C. §119 as follows:

<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>
Japan	2001-068673	March 12, 2001
Japan	2001-114450	April 12, 2001

☐ Certified copies of the above corresponding foreign applications are filed herewith.

☒ Certified copies of the above corresponding foreign applications will follow under separate cover.

6. The filing fee has been calculated as shown below:

Basic Filing fee (37 CFR §1.16(a))				\$ 750.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	29 - 20 =	9	× \$ 18.00	\$ 162.00
Independent Claims	3 - 3 =	0	× \$ 84.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$280.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 912.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				
SUBTOTAL =				\$ 912.00
<input type="checkbox"/> Fee for processing an application filed with a specification in a non-English language (37 C.F.R. 1.17(i) and 1.52(d))--\$130.00)				
<input checked="" type="checkbox"/> Assignment Fee (37 CFR §1.21(h))--\$40.00)				\$ 40.00
TOTAL FEES DUE =				\$ 952.00

7. Payment of Fees and Authorization to Charge Additional Fees or Credit Overpayment

☒ A check in the amount of \$952.00 is enclosed.

☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446. A duplicate copy of this sheet is enclosed.

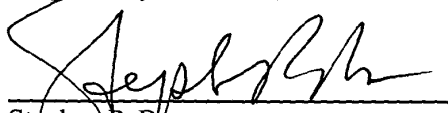
☒ Any additional filing fees required under 37 CFR 1.16.

☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,

September 9, 2003

Date



Stephen P. Burr

Reg. No. 32,970

SPB/eav

BURR & BROWN
P.O. Box 7068
Syracuse, NY 13261-7068

Customer No.: 025191
Telephone: (315) 233-8300
Facsimile: (315) 233-8320

B. 35 U.S.C. 120, 121 and 365(c)

☒ Priority of said prior application(s) is hereby claimed under 35 U.S.C. §120.

<u>Application Number</u>	<u>Filing Date</u>	<u>Relationship</u>
PCT/JP02/02290	March 12, 2002	Parent

C. 35 U.S.C. 119 Priority Claim for Prior Application

☒ Priority of foreign application(s) is hereby claimed under 35 U.S.C. §119 as follows:

<u>Country</u>	<u>Application Number</u>	<u>Filing Date</u>
Japan	2001-068673	March 12, 2001
Japan	2001-114450	April 12, 2001

☐ Certified copies of the above corresponding foreign applications are filed herewith.

☒ Certified copies of the above corresponding foreign applications will follow under separate cover.

6. The filing fee has been calculated as shown below:

Basic Filing fee (37 CFR §1.16(a))				\$ 750.00
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	
Total Claims	29 - 20 =	9	× \$ 18.00	\$ 162.00
Independent Claims	3 - 3 =	0	× \$ 84.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable)			+ \$280.00	
TOTAL OF ABOVE CALCULATIONS =				\$ 912.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above are reduced by 1/2.				
SUBTOTAL =				\$ 912.00
<input type="checkbox"/> Fee for processing an application filed with a specification in a non-English language (37 C.F.R. 1.17(i) and 1.52(d))--\$130.00)				
<input checked="" type="checkbox"/> Assignment Fee (37 CFR §1.21(h))--\$40.00)				\$ 40.00
TOTAL FEES DUE =				\$ 952.00

7. Payment of Fees and Authorization to Charge Additional Fees or Credit Overpayment

☒ A check in the amount of \$952.00 is enclosed.

☒ The Commissioner is hereby authorized to charge payment of the following fees associated with this communication or credit any overpayment to Deposit Account No. 50-1446. A duplicate copy of this sheet is enclosed.

☒ Any additional filing fees required under 37 CFR 1.16.

☒ Any patent application processing fees under 37 CFR 1.17.

Respectfully submitted,



Stephen P. Burr
Reg. No. 32,970

September 9, 2003

Date

SPB/eav

BURR & BROWN
P.O. Box 7068
Syracuse, NY 13261-7068

Customer No.: 025191
Telephone: (315) 233-8300
Facsimile: (315) 233-8320